

MATERIAL SAFETY DATA SHEET.

1. Identification of the product and Company.		Revisions date: 2008-07-23
Product Name and Code: Pliobond 25	Replaces version of: 2007.05.07.	
Name, full address and tel. of the company: Lyckeby Industrial A/S. Naurbjergvej 1 DK 4623 Lille Skensved tlf. 45 56 16 90 15	DK PR-nr.: _____	
Type of product: Acrylonitrilebutadiene adhesive.	Intended use: See the product technical data sheet.	
Employment restrictions:	Handling advice:	

2. Composition / Information on ingredients.

Components:	EINICS.Nr.	CAS.Nr.	Concentration:		
Acrylonitrilebutadiene		9003-18-3	10-25%		
Phenolic resin		9003-35-4	2,5-10%		
Calcium carbonate	207-439-9	471-34-1	< 2,5		
Hazardous components substance:				Symbol:	R-phrases:
Phenol	203-632-7	108-95-2	< 2,5%	T	23/24/25-34, 48, 20/21/22,68
Methyl Ethyl Ketone	201-159-0	78-93-3	50-100%	F, Xi	11-36,66,67
Acetone	200-662-2	67-64-1	10-25%	F	11,36,66,67
Di(benzothiazol-2-yl)disulfide	204-424-9	120-78-5	<0,2%	Xi, N	31,43,50/53

3. Hazards identification of the preparation.

Hazard designation: Highly flammable + Harmful.

Information pertaining to particular dangers for man and environment:
Highly flammable. Harmful in contact with the skin and if swallowed. Irritating to eyes, skin and respiratory system

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4. First aid measures.

General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Eye contact:

Remove contact lenses, irrigate copiously with clean, fresh water for least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do not use solvents or thinner.

Ingestion:

Do not induce vomiting; instantly call for medical help. Show this data sheet.

5. Fire-fighting measures.

Extinguishing media : recommended: Alcohol resistant foam, CO², powders, water spray.
Not to be used: Water jet.

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or watercourses.

6. Accidental release measures..

Refer to protective measures listed in section 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Do not allow entering drains or watercourses.

Clean preferably with a detergent; avoid use of solvents.

If the product contaminates lakes, rivers or sewage's, inform appropriate authorities in accordance local regulations.

7. Handling and storage.

Keep container tightly closed. Isolate from heat, sparks and open flame.

Avoid skin and eye contact.

Smoking, eating and drinking should be prohibited in application area.

For personal protection, see Section 8.

Never use pressure to empty: Container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Store between 5 and 25°C, in a dry, well-ventilated place away from sources of heat and direct sunlight.

Keep away from sources of ignition. Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorised access. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

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8. Exposure controls / Personal protection

Engineering Measures.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local ventilation and good general extraction.

Exposure Limits.

Not applicable.

Personal Protection: Instantly remove any soiled and impregnated garments. Wash hands during breaks and at end of the work. Keep away from foodstuffs, beverages and food.

Respiratory protection: Use breathing protection in case of insufficient ventilation.

Hand protection:

For prolonged or repeated contact, use protective gloves.

Barrier creams may help to protect the areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

All parts of the body should be washed after contact.

9. Physical and chemical properties.

Physical state:	Fluid		Lower explosion limit:	2-12 vol. %
Flash point °C:	-9		Weigh % solvent:	50-100%
Specific gravity (kg/ltr):	0,90		Weigh % Water:	0
			Solubility in water:	

10. Stability and reactivity.



Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon mono oxide and dioxide, smoke oxides of nitrogen.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. Toxicological information.

There are no data available on the preparation itself.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The product splashed in the eyes may cause irritation and reversible damage.

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12. Ecological information.							
There are no data available on the preparation itself. The product should not be allowed to enter drains or watercourses.							
13. Disposal considerations.							
Do not allow into drains or watercourses. Wastes: Follow local legislation.							
14. Transport information							
ADR/RID:		IMDG:			ICAO/IATA		
Class / UN-no		Class:	Pk.gr.	UN-no	Class	Pk.gr.	UN-no
3 / 1133		3,2	II	1133	3	II	1133
Transport Name:		Shipping name:					
Pliobond 25. - Adhesive.		Pliobond 25. - Adhesive.					
15. Regulatory information.							
The product has been classified and labelled in accordance with EC Directive 88/379/EEC.: Classification:							
							
Flammable		Harmful					
Description	Phenol, Acetone and Methyl Ethyl Ketone						
R-phrases:	11: Highly flammable. 21/22: Harmful by inhalation and in contact with the skin. 36/37: Irritating to eyes and respiratory system. 66: Repeated exposure may cause skin dryness or cracking. 67: Vapours may cause drowsiness and dizziness.						
S-phrases:	9: Keep container in a well-ventilated place. 16: Keep away from sources of ignition – No smoking. 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible)						
16. Other information:							
The information of this MSDS is based on the present state of our Knowledge and on current EU and national laws, as the users Working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirement of our product: it is not to be considered as a guarantee of the products' properties.							